Flame-Resistant Polycarbonate Moulding Materials Which are Dimensionally Stable at High Temperatures and Have High Flow Line Strength

Abstract of the Disclosure

Flame-resistant, thermoplastic moulding compositions containing

- A) 70 to 98 parts by weight of an aromatic polycarbonate,
- B) 0.5 to 20 parts by weight of a graft polymer,
- C) 0.5 to 5 parts by weight of a mixture of
 - C.1) 10 to 90 parts by weight, based on C, of a monophosphorus compound of formula (I)

$$R^{1}$$
— $(O)_{\overline{n}}$ — P — $(O)_{\overline{m}}$ — R^{2} (I)
 $(O)_{m}$
 R_{3}

C.2) 90 to 10 wt.%, based on C, of a phosphorus compound of formula (II)

$$\begin{array}{c|c}
R^{4} & \longrightarrow (O)_{1} & \longrightarrow P \\
& \downarrow & & \downarrow \\
& \downarrow & & \downarrow \\
& (O)_{1} & & \downarrow \\
& (O)_{2} & & \downarrow \\
& (O)_{1} & & \downarrow \\
& (O)_{2} & & \downarrow \\
& (O)_{2} & & \downarrow \\
& (O)_{3} & & \downarrow \\
& (O)_{4} & & \downarrow \\
& (O)_{5} & & \downarrow \\
& (O)_$$

D) 0.05 to 5 parts by weight of a fluorinated polyolefin with an average particle diameter of 0.05 to 1000 μ m, a density of 1.2 to 2.3 g/m³ and a fluorine content of 65 to 76 wt.%.